

| Ref # | Hits | Search Query  | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 5    | (US-20020053682-\$ or US-20010005016-\$ or US-20030132496-\$).did. or (US-6534790-\$).did. or (EP-1424734-\$).did.  | US-PGPUB; USPAT; EPO                   | OR               | OFF     | 2005/11/14 09:16 |
| L2    | 33   | p-jfet  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/14 09:56 |
| L3    | 119  | jfet and algaas   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/14 09:56 |
| L4    | 117  | 3 not 2   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/14 10:01 |
| L5    | 7    | "5159414"   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/14 10:01 |
| S88   | 7    | (US-20040104404-\$ or US-20030132496-\$ or US-20020053682-\$ or US-20010019131-\$ or US-20010013604-\$ or US-20010005016-\$).did. or (EP-1424734-\$).did. | US-PGPUB; EPO                          | OR               | OFF     | 2005/11/09 08:47 |
| S89   | 5    | S88 and Ingaas adj channel  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/09 09:05 |
| S90   | 1    | jp-2001250939-\$  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/09 09:04 |
| S91   | 1    | jp-2001250939-\$  | JPO; IBM_TDB                           | OR               | OFF     | 2005/11/09 09:04 |
| S94   | 408  | (InP InGaP GaInP Ingaas GaAs) adj channel and (AlGaAs GaAlAs) and GaAs  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/09 12:46 |

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|------|-----|--|---|----|-----|------------------|
| S95  | 2   | (InP InGaP GaInP Ingaas GaAs) adj channel and ((AlGaAs GaAlAs) and GaAs) near3 etch adj stop | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 10:14 |
| S96  | 50  | S94 and gate with p-type   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 09:10 |
| S97  | 127 | (InP InGaP GaInP Ingaas GaAs) with schottky adj layer  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 11:30 |
| S98  | 19  | (InP InGaP GaInP Ingaas GaAs) adj schottky adj layer   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 12:45 |
| S99  | 74  | S97 and GaAs near3 substrate   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 11:45 |
| S100 | 41  | S99 and @pd>"20011113"   | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 11:45 |
| S101 | 11  | S100 and p-type  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 11:59 |
| S102 | 30  | S100 not S101  | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB      | OR | OFF | 2005/11/09 12:40 |
| S103 | 1   | pj-hfet  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/09 12:40 |
| S104 | 314 | p-gate   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/09 12:41 |

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| S10<br>5 | 4     | p-gate and heterojunction   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/11/09 12:45 |
| S10<br>6 | 20195 | jfet heterojunction   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/11/09 12:45 |
| S10<br>7 | 264   | jfet and heterojunction   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/11/09 12:45 |
| S10<br>8 | 176   | (InP InGaP GaInP Ingaas GaAs) and S107  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB                | OR | OFF | 2005/11/09 12:45 |
| S10<br>9 | 96    | S108 and (AlGaAs GaAlAs) and GaAs   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB                | OR | OFF | 2005/11/09 12:57 |
| S11<br>0 | 11    | "5161235" and (AlGaAs GaAlAs) and GaAs  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB                | OR | OFF | 2005/11/09 15:24 |
| S11<br>1 | 1     | (US-20050167698-\$).did.  | US-PGPUB  | OR | OFF | 2005/11/09 15:24 |
| S11<br>4 | 10    | nishi.in. and (hemt hifet heterojunction adj (field fet))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/09 15:35 |
| S11<br>5 | 57    | (WADA bito nishi).in. and (hemt hifet heterojunction adj (field fet))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/09 15:35 |
| S11<br>6 | 1403  | (gaas gallium adj arsenide) near2 substrate and (hemt hifet heterojunction adj (field fet)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/09 15:35 |
| S11<br>7 | 82    | barrier near4 (gainas ingaas) and (hfet hemt) and gate                                      | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/09 15:35 |

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|----------|------|---|---|----|-----|------------------|
| S11<br>8 | 14   | "5548148"   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/09 15:35 |
| S11<br>9 | 12   | S118 and p-type   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/09 15:35 |
| S12<br>0 | 125  | (mesfet hemt) and recess with gate<br>and n-type and p-type | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/09 15:35 |
| S12<br>1 | 6    | "4929985"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/09 15:35 |
| S12<br>2 | 1608 | (257/192,194,195,280,284).CCLS.                             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/11/09 15:35 |
| S12<br>3 | 724  | barrier near4 (gaalas algaas)                               | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/09 15:35 |
| S12<br>4 | 72   | barrier near4 (gainas ingaas) and<br>hemt                   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/09 15:35 |
| S12<br>5 | 11   | "4849368"   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/09 15:35 |